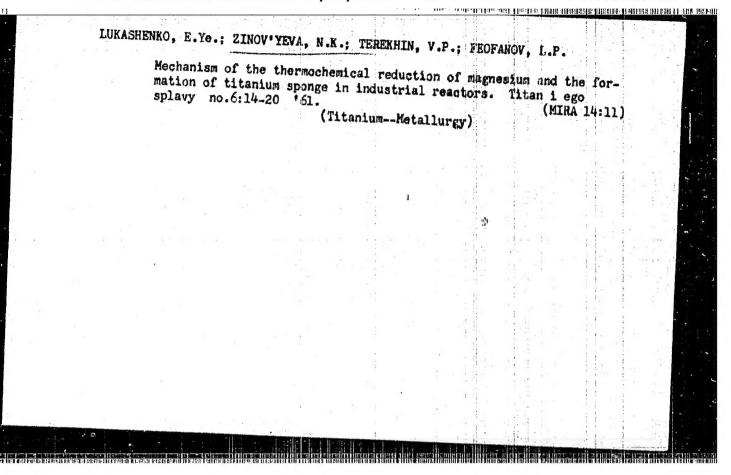
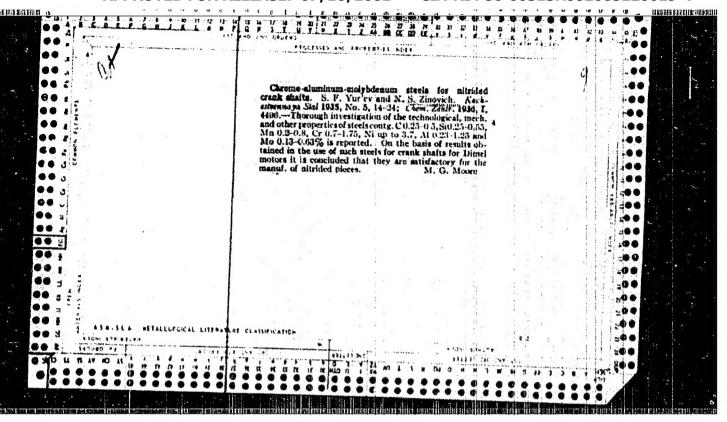
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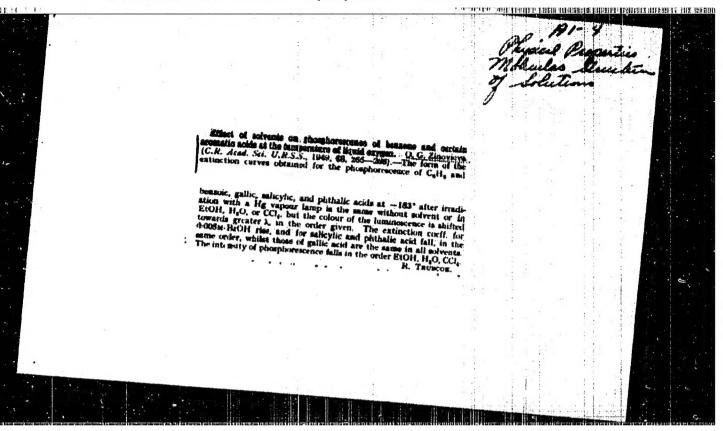
of the sponge, the lining becomes larger and the role of surface—diffusion processes and secondary chemical reactions becomes more marked. In the third stage (TiCl4 consumption > 80 %), the volume of the reaction mass increases at the expense of the lining. TiCl4 des and their final reduction to metal. There are 3 figures and 8 the English-language publications read as follows: F.S. Wartman and J. Oth, J. Electrochem. Soc., 1954, v. 101, no. 10; W.J.Kroll, Metal Industry, 1955, v. 27, nos. 4-9.

Card 2/2

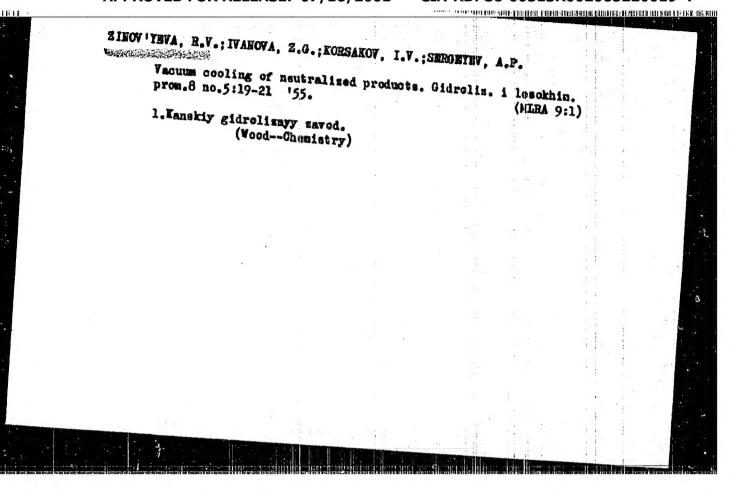




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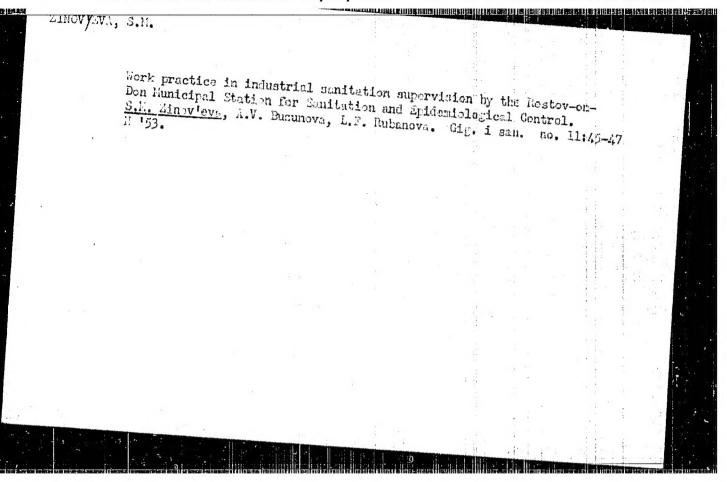


PLOTNIKOV, A.Ya.; GNEZDOV, V.I.; ZINOV*YEVA, R.V.

Using the flotation method for the recovery of tall oil. Gidroliz.
1 lesokhim.prom. 15 no.1:7-9 *62.

(MIRA 18:3)

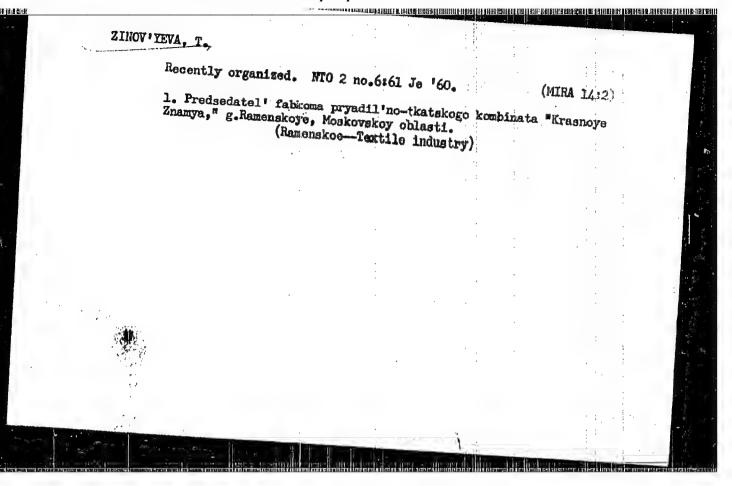
1. TSentral*nyy nauchno-issledovatel*skiy lesokhimicheskiy institut.

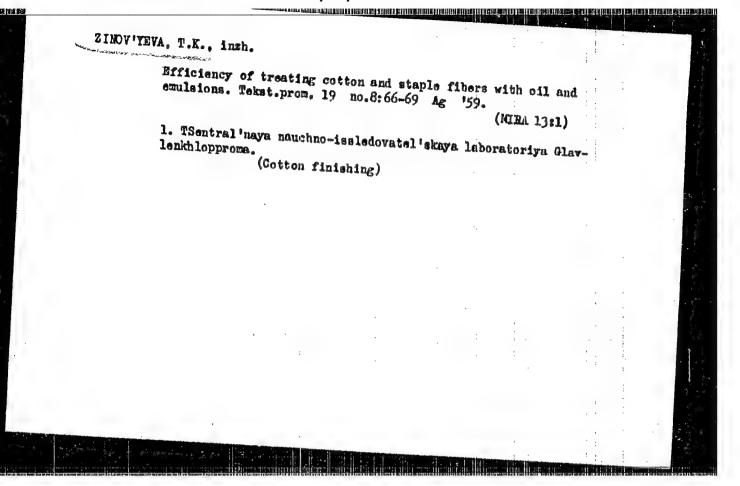


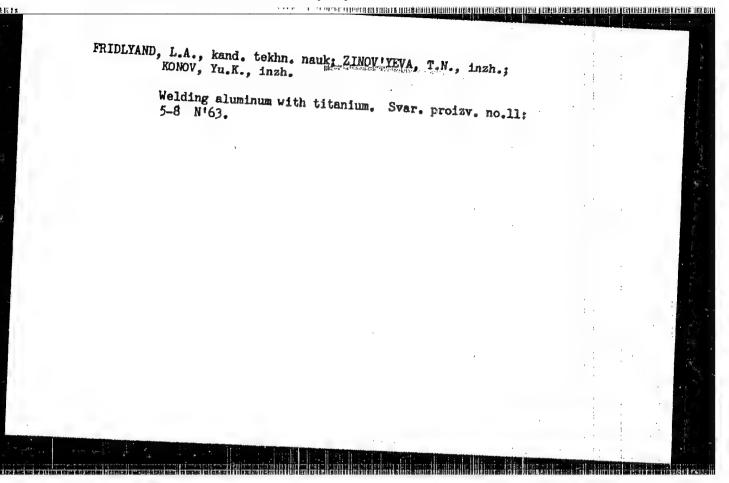
ZINOV'YEVA, S.H.; BUZUHOVA, A.V.; RURANOVA, L.Y.

Work practice in industrial sanitation supervision by the Rostov-on-Don Municipal Station for Sanitation and Epidemiological Control. Gig.i san. (MEA 6:10)

1. Rostovskaya-na-Donu gorodskaya sanitarno-spidemiologicheskaya stantsiya. (Rostov-on-Don--Industrial hygiene)







ZINOVYEVA, T. N., KOLODNAYA, B. A., KONOV, Yu. K., (Engineers) and FHIDLYAND, L. A. (Cand. Tech. Sci.) (Moscow)

"Investigation of processes of joining titanium-aluminum and aluminum-steel" was devoted to a study of the behavior during dynamic loading of constructions, achieved by welding and by rolling and welding by explosion. A technology was developed which involved preliminary hard-facing on titanium of technically pure aluminum AVOO or AVOOO either with calorizing or without it. Thickness of the layer of hard-facing is 5--8 mm. Welding is carried out by arc in argon by melted or unmelted electrode. Ultimate strength of joining OT4 with AMg6-11 is 27 kG/mm², angle of bend 17./300.

Report presented at the 1st All-Union Conference on welding of heterogeneous metals, at the Inst of Electric Welding im. Ye. O. Paton, 14-15 June 1963. (Reported in Avtomaticheskaya svarka, Kiev, No. 9, Sept 1963, pp 95-96 author, JPRS 24,651

19 May 64

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ARKHANGEL'SKIY, B.N.; BELYAKOVA, Ye.Ye.; GUREVICH, M.S.; ZAYTSEV, I.K., red.; ZINOY'YEVA, T.V.; MITGARTS, B.B.; MCROZOV, V.N.; PETROVA, H.A., HARPOPOV, M.P.; TOLSTIKHIN, H.I.; TOLSTIKHIN, O.N.; POTAPOV, V.S., red.; GUROVA, O.A., tekhn. red.

[Explanatory notes to a hydrochemical map of the U.S.S.R. on a scale of 1:5,000,000] Ob iasnitel naia sapiska k gidrokhimicheskoi karte SSSR v masshtabe 1: 5,000,000. Red. I.K. Zaitsev. Moskva. Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1958.

138 p. (MIRA 11:7)

1. Leningrad. Vsesciusnyy geologicheskiy institut.
(Water, Underground-Haps)

BRONEVITSKIY, V.P.; VISLENEV, M.V.; ZINOV YEVA, U.Z.; MILYUGIN, A.M.; RASIN, B.I.; FEDOROV, A.A.; FEDOROV, A.D.; FEDOTOVA, A.Ye.; VOLKHOVER, R.S., tekhn. red.

[Central Museum of Communications named after A.S.Popov]
TSentral'nyy muzei sviazi imeni A.S.Popova. Leningrad,
1962. 234 p. (MIRA 15:11)

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1. Russia (1923- U.S.S.R.) Ministerstvo sviazi. (Leningrad—Communications museums)

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ACC NR: AP6005h04 (A) SOURCE CODE: UR/0323/65/000/005/0062/0067

25

AUTHOR: Zinov'yeva, V. A. (Engineer)

ORG: Moscow Textile Institute (Moskovskiy tekstil'nyy institut)

TITLE: Structure and strength of slightly stretching warp knitted glass reinforced fabrics &

SOURCE: IVUZ. Tekhnologiya legkoy promyshlennosti, no. 5, 1965, 62-67

TOPIC TAGS: glass reinforced fabric, textile, textile industry

ABSTRACT: The prescribed strength of threads in warp-knitted glass reinforced fabrics can be increased by using lower-gage threads. The strength of slightly stretching warp-knitted glass-reinforced fabricomade from the same gage of thread depends on the kind of interweaving used. The strength of weft linens based on tricot increases with threadweft tightening during the process of knitting. The investigation was supervised by Professor A. S. Dalidovich. Orig. art. has: 5 figures and 1 table. (Summary)

SUB CODE: 11/ SUEM DATE: 15Dec6h/ ONIG REF: 001/

Card 1/1 fv

ZINOV'YEVA, V.A., aspirant

Processing of glass fibers on warp knitting machines. Tekst.prom. 24 no.1:61-64 Ja '64. (MIRA 17:3)

1. Moskovskiy tekstil nyy institut.

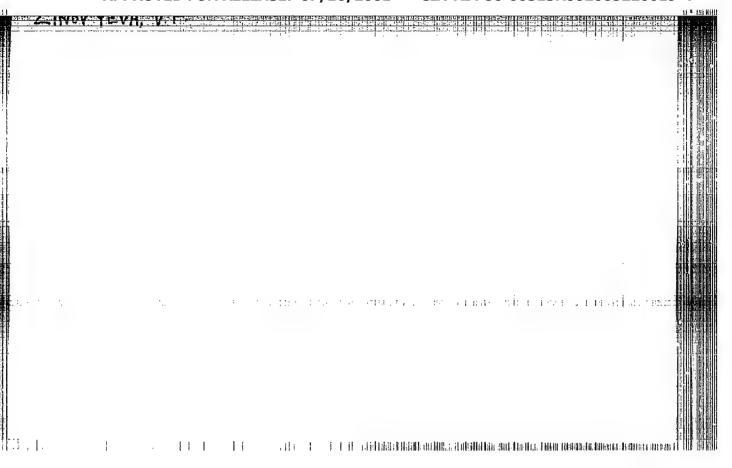
MATUSEVICH, V.F., doktor veterinarnykh nauk, professor; ZIMOV'YEVA, V.Y., studentka.

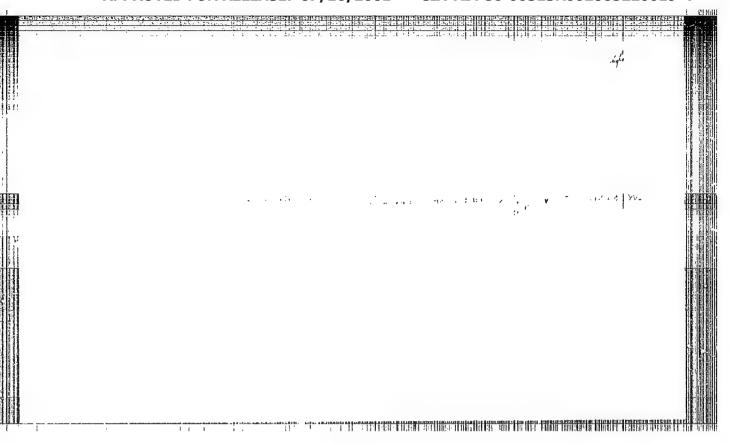
Dechlorination of water. Veterinariia 33 no.4:69-70 Ap '56.

(MIRA 9:7)

1. Dnepropetrovskiy sel'skokhozyaystvennyy institut.

(Water-Chlorination)



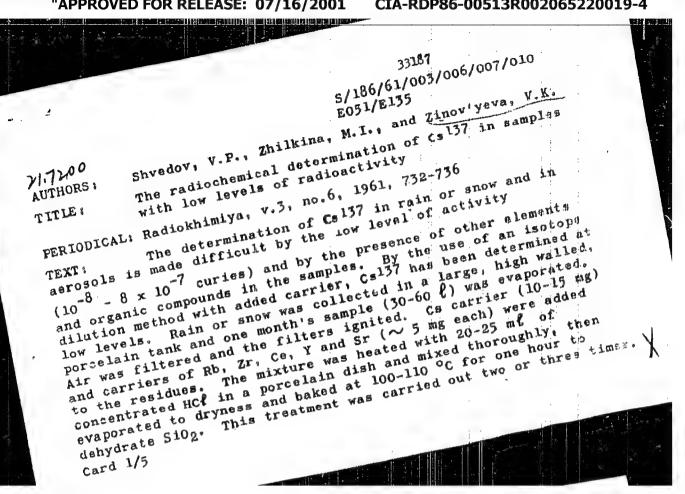


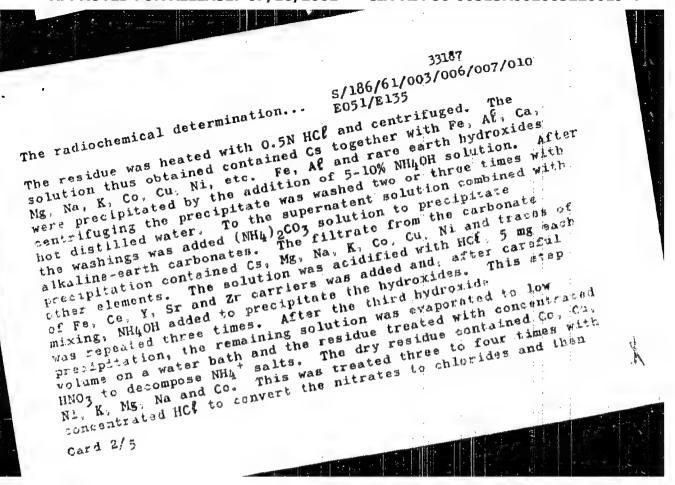
New method for the quantitative separation of antimony. Radio-khimila 1 no.1:109-111 159.

(Antimony-Analysis) (Extraction (Chemistry))

ZINOV'YEVA, V.K.; ZHILKINA, M.I.; SHYEDOV, V.P.; YAKOVLEVA, G.V.

Method of extracting strontium from the soil and the determination of Sr⁹⁰. Radiokhimita 1 no.5:613-615 '59. (MIRA 13:2) (Strontium—Analysis)





33187 S/186/61/003/006/007/010 E051/E135

The radiochemical determination ... 7-10 ml of glacial acetic acid was added, the solution stirred and centrifuged. The residue was washed 2-3 times with 2 m portions of glacial dissolved in 2-3 ml of distilled water. acetic acid and the supernated liquid and washings combined, acetic acid and the supernated liquid and washings combined, 2-3 mf KBill solution (5 g Bi203 and 17 g KI in 50 mf glacial acetic acid) was added and the solution heated to boiling. After standing 40-60 minutes the precipitate was separated by centrifuging and washed with glacial acetic acid until the centrituging and washed with gracial acetic acid until the washings were no longer yellow. After a final wash with alcohol the propriet with the propriet wi wasnings were no longer yellow. After a linal wasn with all the precipitate was dried at 140-160 oc to constant weight. the precipitate was dried at 140-100 to constant weight.

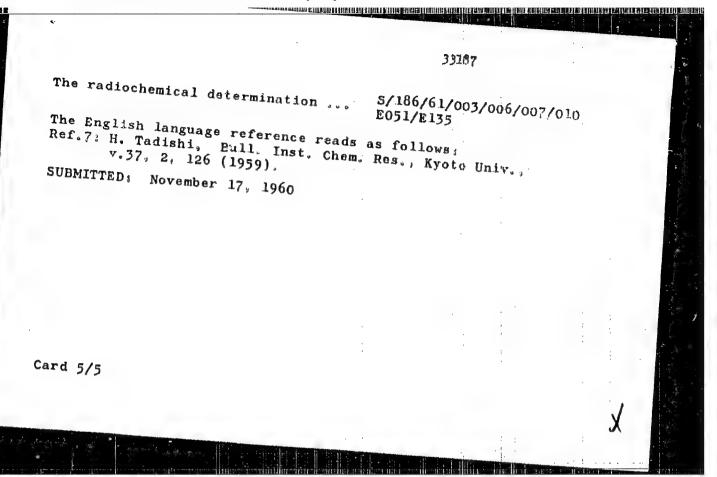
The chemical purity of the CS3Bip19 was checked by spectrographic analysis and showed no contamination by any likely radioactive analysis and showed no contamination by any likely radioactive element or Co and Cu analysis and showed no contamination by any likely radioactives element or Co and Cu. Traces of Ni, MS; K and Na in quantities element or Co and Cu. Traces of Ni, MS; K and Na in quantities element or Co and Cu. After reprecipitation of the faultical contamination of the faultic element or to and tu. Traces of N1, Mg, K and Na in quantities less than 1% were present. After reprecipitation of the C83Bi2I9 none of these elements could be detected. The radiochemical none of these elements could be detected. The radiochemical none of these elements could be detected. The radiochemical and purity of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered Cs137 was checked by β-decay curves and have a second country of the recovered country o purity of the recovered Cs-// was checked by β-decay curves and 12-20 months by γ-spectrometry. Following the β-decay curve over 12-20 months showed that no activity with a half-life of lage than a years was showed that py γ-spectrometry. Following the β-decay curve over 12-20 months showed that no activity with a half-life of less than 5 years was present. present. Y-spectrometry was carried out using a single channel Card 3/ 5

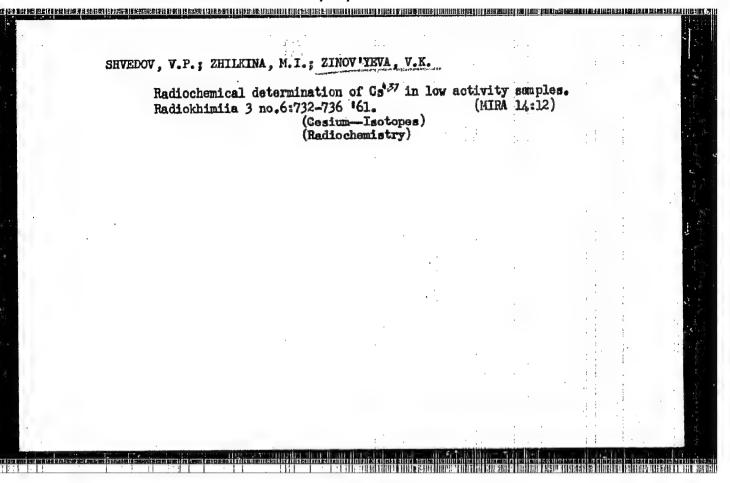
The radiochemical determination 33187 5/186/61/003/006/007/010 E051/E135

scintillation counter with a sodium iodide crystal, measuring the 0.662 KeV Cs137 peak. The activity of Cs137 in the original sample was calculated using the formula

$$A = c \cdot n \cdot \frac{p}{p} e^{-\lambda t}$$

where: A - absolute activity in microcuries; C - counter efficiency in dis/min per microcurie for a given weight of precipitate; P - weight of Co carrier added to the original sample; p - weight of carrier recovered; λ - decay constant for Cs137; t - mean time from collection of sample. Chemical yields were of the order of 60-70%. Using the procedure outlined it proved possible to determine 10-10 curie amounts of Cs137, or greater, the whole procedure taking 5-8 hours. Acknowledgments are expressed to Yu. M. Tolmachev for his There are 2 figures, 1 table and 8 references: 6 Soviet-bloc, l Russian translation from a non-Soviet-bloc publication, and Card 4/5



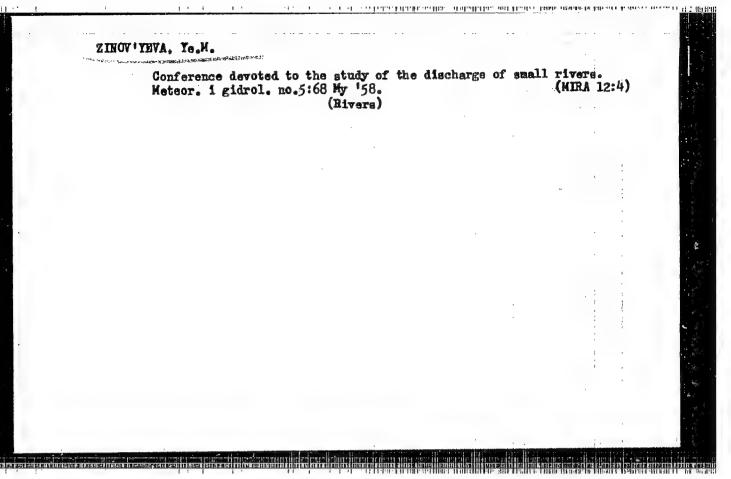


GRAYEVSKIY, E.Ya.; ZINOV'YEVA, Ya.C.

On the possibility of changing the radiosensitivity of the cell by means of fluorochromes. Dokl. AN SSSR 118 no.3:476-478 Ja '584 (MIRA 11:4)

1. Institut morfologii shivotnykh im. A.N. Sarvartsova Akademii nauk SSSR. Predstavleno akademikom A.I. Oparinym.

(PLUOROCHROMES) (RADIOACTIVITY—PHYSIOLOGICAL EFFECT)



"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220019-4

GRAYEVSKIT, E.Ya.; ZIBOY'YEVA, Ye.G.

Effect of small quantities of ionixing radiation on paramaecium caudatum (a contribution to the problem of radiostimulation).

Dokl. AM SSSR 110 no.3:379-382 S '56. (MERA 9:12)

1. Institut morfologii shivotnykh imeni A.M. Severtsova Akademii nauk SSSR. Predstavleno akademikom A.I. Oparinym.

(Radioactive substances—Physiological effect)

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AUTHORS:

Grayevskiy, E. Ya., Zinov'yeva, Ye. G.

20-3-16/59

TITLE:

On the Problem of the Possibility of Changing the Radio+ Sensitivity of a Cell by Means of Fluorochromes (K voprosu o vozmozhnosti izmeneniya radiochuvstvitel'nosti kletki pri

pomoshchi fluorokhrcmov)

PERIODICAL:

Doklady AN SSSR, Vol. 118, Nr 3, pp. 476-478 (USSR)-/958

ABSTRACT:

The sensitation of biological objects for ionising radiation by means of fluorochromes would be of considerable interest for radio-therapeutics. Besides the finding of a correlation

between the radio sensitivity of the cells and the hematoporphyrine, which is contained in them, would render

possible the explanation of the mechanism of the initial reaction, which takes place under the influence of the

radiation. In this connection the authors wanted to explain,

how far this dye-like substance can change the radio

sensitivity of a cell. The effect of the following dyes was investigated: Hematoporphyrine (0,001 - 0,005 %), trypa-flavine (0,00002 - 0,0001 %), and fluorescine (0,00005 -

Card 1/3

- 0,0002 %). 300 parametia (parametaiya) in a 0,3 ml non-

On the Problem of the Possibility of Changing the Radio-Sensitivity of a Cell by Means of Fluorochromes

20-3-16/59

ne nie na. Szaelud terdeszla i kokóbi attera kelőlen doktyka hedőpketekben kale éveke éld. Adom akkekbol

peptoneous medium (which contained the dye in one of the here given concentrations) and control-parametia of the same quantity and in the same medium, but without dye (control I) subjected in plexiglas cylinders to an action of X-rays (dose 100 kiloroentgen) once and at the same time. Also the other conditions of the irradiation are given. As second control for the darkness effect of the dye (control II) parametia were used, which were submerged for 50 minutes in the highest concentrations of the dye and which were not irradiated. The authors observed the velocity of cell division and the rate of survival of the animals. The results of these experiments are compiled in a table. An ionizing radiation of 100 kiloroentgen noticeably suppresses the tempo of the division of the infusoria on the first day after the action of the radiation. But the preparation velocity was normalized completely already on the second day. The here applied fluorescence-materials did not sensitize the infusoria against the Roentgen radiation. The dyes under the influence of 100 kiloroentgen did not become toxic either and the sensitivity of the irradiated parametia against the colours does not change noticeably in this case. The photo-

Card 2/3

"APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R002065220019-4 TO STATE OF THE PROPERTY OF TH

On the Problem of the Possibility of Changing the Radio-Sensitivity of a Cell by Means of Fluorochromes

20-3-16/59

dynamic effect is not very probable in case of irradiation. with X-rays. According to the results found here the increase of the radio sensitivity of the organisms and tissues in the presence of fluorochromes is to be explained obviously by the summation of the effect of the ionizing radiations and of the chemical or photodynamical effect of th colour or of the pigment. There are 1 table and 9 references, 6 of which are Slavic.

ASSOCIATION:

Institute for Morphology of Animals imeni A. N. Severtsov All USSR (Institut morfologii zhivotnykh imeni A. N. Severtsova Akademii nauk SSSR)

PRESENTED:

August 8, 1957, by A. I. Oparin, Member of the Academy

SUBMITTED:

August 2, 1957

AVAILABLE:

Library of Congress

Card 3/3

AUTHOR:

Zinov'yeva, Ye. G.

20-118-4-19/61

TITLE:

The Survival Rate of Paramecium Caudatum, as Dependent Upon Their Number per Unit of Volume, When Subjected to X-Rays (Zavisimost' vyzhivayemosti Paramecium caudatum ot ikh kolichestva v yedinitse ob‼yema pri obluchenii

rentgenovskimi luchami)

PERIODICAL:

Doklady Akademii Nauk SSSR, 1958, Vol. 118, Nr 4,

pp. 694-697 (USSR)

ABSTRACT:

In the beginning the author shortly refers to previous

papers dealing with the same subject. The author

simultaneously irradiated certain amounts of paramecia in

small glass vessels containing 0,3 milliliters of

Lozina-Lozinskiy-medium or of water with X-rays (180 kV, 15 milliampères, without filter, at a distance of 8'5 cm, dosage rate 3000 roentgen/min). The effect of doses of 50, 100, 150, 300 and 500 kiloroentgen was investigated. After irradiation every paramecia was exposed in 0'l milliliters

of non-irradiated nutritive solution. The surviving

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The Survival Rate of Paramecium Caudatum, as Dependent 20-118-4-19/61 Upon Their Number per Unit of Volume, When Subjected to X-Rays

infusoria were recorded during the following days. A diagram illustrates the dependence of the rate of survival at a dosis of 100 kiloroentgen on the number of individuals. At a stipulated dosis it is possible to obtain every desired rate of survival as a function of the number of infusoria per volume unit with a sufficient degree of accuracy. At certain concentrations of the paramecia it is possible to obtain a survival rate of nearly 100 % with the here investigated doses of up to 500 kiloroentgen. The following empirical formula is obtained: $P = A lg(y/y_0)$, P denoting the survival rate in %, y the number of paramecia contained in 1 ml of solution, A and y constants. In the case investigated here A takes the value of A = 44,6. y_o can be interpreted to denote the minimum number of individuals within a certain volume, which do not survive a given dosis. Instead of the formula given above it is possible to set $P=44.6 \lg (v_0/v)$, v denoting the water volume per paramecia, with V=1/y holding. The survival rate of infusoria is linearly dependent upon the concentration of the infusoria in the dose range from 100-

Card 2/4

The Survival Rate of Paramecium Caudatum, as Dependent 20-118-4-19/61 Upon Their Number per Unit of Volume, When Subjected to I-Rays

500 kiloroentgen. With good approximation $P = 100 - 44,6 \lg v(42,5 D - 3000)$ is found, D denoting the dose in kiloroentgen. This formula does not apply to smaller doses and to lower numbers of individuals. The unfavorable effect of a great volume of irradiated medium can be explained in different ways: Probably the products of the metabolism of the parametia are diluted. Sorption processes of the caustic substances at the surface of the paramecia can also not be excluded. No sexual process with paramecia occurs on the conditions discussed here. The experimental data discussed here are an ideal model of a radiation damage, where the medium surrounding the cell is of decisive importance for the lethal outcome. There are 4 figures, and 15 references, 5 of which are Soviet.

Card 3/4

The Survival Rate of Paramecium Caudatum, as Dependent 20-118-4-19/61 Upon Their Number per Unit of Volume, When Subjected to X-Rays

ASSOCIATION: Institut morfologii zhivotnykh im. A. N. Severtsova

(Institute for Animal Morphology imeni A. N. Severtsov,

PRESENTED:

October 21, 1957, by A. L. Kursanov, Member of the Academy

SUBMITTED:

October 21, 1957

AVAILABLE:

Library of Congress

Card 4/4

807/20-121-1-21/55 AUTHOR: Zinov'yeva, Ye. G. TITLE: On the Causes for the Death of Infusoria When Exposed to X-Rays (O prichinakh gibeli infuzoriy pod deystviyem rentgenovskikh luchey) PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 1, pp. 80-83 (USSR) The author investigated 1) the influence of an irradiated ABSTRACT: medium on not-irradiated paramecia to judge the toxidity of the substances forming in the medium by irradiation, 2) the influence on the organism immediately caused by the radiation when the toxic effect of the medium is blocked, and 3) the simultaneous action of radiation and toxidity of the medium. For this purpose the author investigated the effect of 2 simple irradiated media without any organic admixtures (Lozina-Lozinskiy medium and twice distilled water). The media were irradiated in little containers of molybdenum glass. The changes caused in an aqueous medium by radiation are stable. The employed irradiated media have the same toxic properties. If the toxic substance is removed or only diminished the rate of survival is 100%. Also Card 1/2 when the infusoria in the irradiated medium are washed, trans-

On the Causes for the Death of Infusoria When Exposed to X-Rays

ferred into an unirradiated medium, and are irradiated then, they do not die. The following conclusions result from the present paper: 1) In aqueous solutions stable chemical changes form under the influence of x-rays; these changes are toxic sensitive to the action of the aqueous medium which has been modified by the radiation. 3) An x-irradiated aqueous medium toxidity than irradiated pure water. There are 1 figure, 5 tables, and 13 references, 3 of which are Soviet.

PRESENTED:

March 24, 1958, by A. L. Kursanov, Member, Academy of Sciences, USSR

SUBMITTED:

March 22, 1958

1. Paramecium—Effects of radiation 2. Aqueous solutions—Effects of radiation 3. Radiation—Toxic effects 4. Aqueous solutions (Radioactive).—Toxic effects

Card 2/2

21(3)

AUTHORS:

Grayevskiy, E. Ya., Zinov'yeva, Ye. G.

SOV/20-121-5-19/50:

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TITLE:

An Investigation of the Radiosensitivity of a Cell in a Repeated Influence of Ionizing Radiation (Issledovaniye radiochuvstvitel'nosti kletki pri povtornykh vozdeyst-

viyakh ioniziruyushchey radiatsii)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 121, Nr 5,

pp 837 - 840 (USSR)

ABSTRACT:

The authors investigated the ability of unicellular organisms to heal radiation damage and to adapt themselves to such affections. These experiments were carried out on Paramecium caudatum, the method of the investigations was discussed in previous papers (Refs 1,2).

The variations of the rate of cell fission and of the percentage of the surviving organisms of Paramecium

caudatum after single and repeated irradiations were used as criteria. The unicellular organisms were irradiated

by a dose of 100 000 r at a temperature of 0°C. After such an irradiation, all the organisms continued to live if

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An Investigation of the Radiosensitivity of a Cell in a SOY/20-121-5-19/50 Repeated Influence of Ionizing Radiation

transplanted into a non-irradiated medium. But the rate of the cell fission is diminished by 80% on the first day after the irradiation. After 2-3 days, the fission velocity is restored to its initial value. The variations of the radiosensitivity of the Paramecia under the radiation were investigated by repeated: influence of irradiation of the same dose (100 000r). There were various intervals between the initial and the repeated irradiations. After repeated irradiation of the parameciae by 100 000r (in intervals of 3 and 6 hours, total dose 200 kr) the death rate amounted to 93 and 87%, respectively. But the slowing down of the fission velocity was not noticeably different from the parameciae which were irradiated only once. The authors then investigated the radiosensitivity for the case that the total dose of radiation is gradually increased. The decrease of the fission velocity did not depend on the total dose, it was caused by the immediately received dose. The survival rate of the infusories depends on the namer of irradiation

Card 2/4

An Invectigation of the Radiosensitivity of a Cell in a SCY/20-121-5-19/50 Repeated Influence of Ionizing Radiation

> in a more complicated way. As a rule, the survival rate was not changed by repeated irradiations. But in some cases very distinct periods of especially high sensitivity were observed on the background of the monotonous reactions caused by any repeated irradiation. According to these results, the vegetative functions affected by the radiation are quickly and practically totally restored if the cell is transplanted into normal conditions. There are 2 tables and 3 references, which are Soviet.

ASSOCIATION:

Institut morfologii zhivotnykh im.A.N.Severtsova Akademii nauk SSSR (Institute of Animal Morphology imeni A.N.

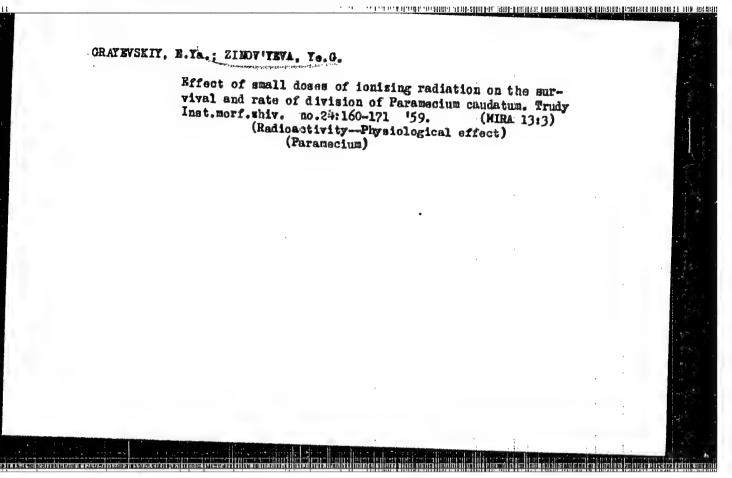
Severtsov, AS USSR)

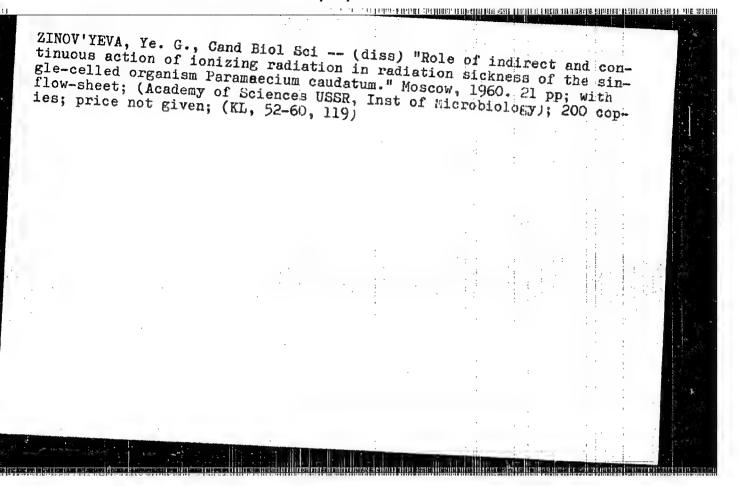
PRESENTED:

May 25, 1958, by A.I.Oparin, Academician

SUBMITTED: Card 3/4

April 19, 1958





ACC NR: AT7002494 SOURCE CODE: UR/0000/66/000/00028/0035

AUTHOR: Zinov'yeva, Ye. G.

ORG: Institute of Biological Physics, AN SSSR, Moscow (Institut biologicheskoy fiziki AN SSSR)

TITLE: Investigation of the radioresistance of Paramecium caudatum during reconstruction of the nuclear apparatus

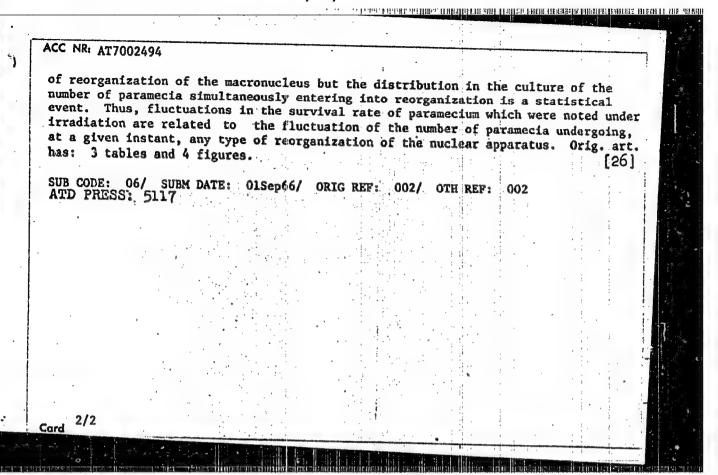
SOURCE: AN SSSR. Nauchnyy sovet Radiobiologiya. Vliyaniye ioniziruyushchikh izlucheniy na nasledstvennost' (Effect of ionizing radiation on heredity). Moscow, Izd-vo Nauka, 1966, 28-35

TOPIC TAGS: radiantime resistance, x ray radiation biologic effect, radiation cell effect, microbiology

ABSTRACT: An investigation of Paramecium caudatum revealed that during their life cycle they have a state of low resistance to x-rays. The loss of radioresistance was found to be related to the process of reconstruction of the nuclear apparatus. At the stage of reorganization of the nucleus loss of radioresistance was observed after resorption of fragments of the old macronucleus. Systematic x-ray irradiation of paramecia induces in them a more frequent reorganization of the macronucleus than in the norm. In each individual paramecium radiation caused an increased frequency

Card 1/2

IDC: none



ZINOV'YEVA, Ye.G.; KRIVISKIY, A.S.

Mutagenic effect of ultraviolet irradiation on the temperate phage 2. Genetika no. 6:16-23 D '65 (MIRA 19:1)

1. Institut biologicheskoy fiziki AN SSSR i Institut radiatsion-noy i fiziko-khimicheskoy biologii AN SSSR, Moskva.

ZINOV YEVA, Yo.G.

Injury to paramecia caused by the products of water radiolysis at the instant of irradiation. Dokl.AN SSSR 145 no.6:1389-1392 Ag 162. (MIRA 15:8)

1. Predstavleno akademikom A.L.Kursanovym.
(INFUSORIA) (X RAYS—PHYSIOLOGICAL EFFECT)

PETROV. G.N., inzh.; ZINOV'YEVA, Ye.I., insh.

Using local runoffs for supplying water to Tatar and Bashkir oil fields. Stroi. pred. neft. prom. 3 no.6:10-12 Je '58.

(MIRA 11:7)

(Bashkiria-Water supply) (Tatar A.S.S.R.--Water supply)(Oil fields)

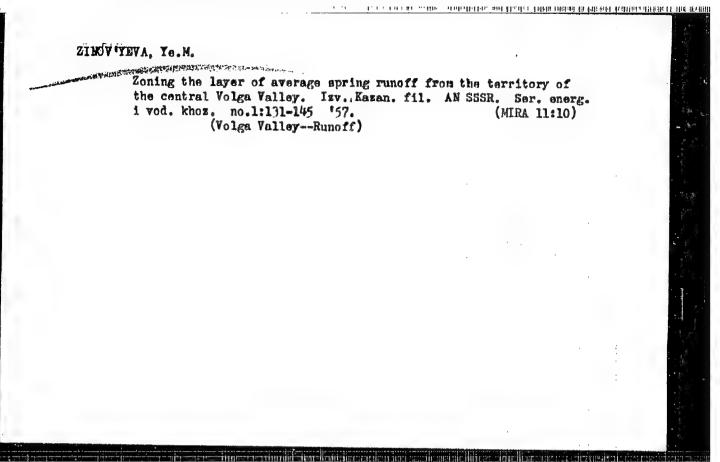
ZINOV'YEVA, Ye. I.

ZINOV'YEVA, Ye. I.

Care of patients recovering from surgery on the lungs. Med.sestra
16 no.9:26-29 S '57.

(MIRA 11:1)

(MIRA 11:1)



AUTHORS:

TITLE:

Zinov'yeva, Ye. M., Petrov, G.N., Candidate of Technical Sciences 5076-58-6-12/21

On the Problem of the Construction of the Hydrographic Network on Topographic Maps (K voprosu ob izobrazhenii gidrograficheskoy seti na topograficheskikh kartakh)

PERIODICAL:

Geodeziya i kartografiya, 1958, Nr 6, pp. 54 - 55 (USSR)

ABSTRACTS AND A

The hydrologic expedition of the Kazan' Branch of the AS USSR made hydrometric measurements of the small rivers of the Mariyskaya ASSR in 1951 and of the river Ryksha in the Chuvashskaya ASSR a left tributary of the Tsivil' in 1952. On this occasion certain deficiencies in their representation were found. Also in the investigation of the rivers of the central Volga area considerable deficiencies were found in 1955. The investigations showed that in the course of the last ten years the number of dried-up rivers in some areas of the central Volga area has increased considerably. The reason for this phenomenon is the incorrect execution of some agricultural measures. The analysis of the deficiencies in the representation of the hydrographic network showed

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On the Problem of the Construction of the Hydrographic SOV/6-58-6-12/21 Network on Topographic Maps

that these deficiencies are mostly caused by the lack of clear and exact determinations of the elements of hydrography. Some supplements to the existing signs are mentioned. The authors demand a method for the generalization of therepresentation of rivers as well as the elaboration of examples for the generalization of the river outlines.

1. Inland waterways--Properties 2. Mapping errors

3. Maps-Preparation

Card 2/2

ZINOV'YEVA, Ye.M.

Factors determining the spring runoff and calculation of its depth for uninvestigated rivers based on studies of the middle Volga Valley. Trudy Kazan. fil. AN SSSR. Ser. energ. i vod. khoz. no.4:96-103 '59. (MIRA 13:8)

1. Otdel energetiki i vodnogo khozyaystva Kazanskogo filiala AW SSSR.

(Volga Valley-Runoff)

MBR., DEPT. ENERGETICS & WATER CONTROL, KAZSSR

50-58-5-20/20 Transactions of the Conference on the Problem Zinoviyeva, Ye. M. of the Investigation of the Flow of Small Rivers (Soveshchaniye po voprosam izucheniya stoka malykh rek) AUTHOR: Meteorologiya i Gidrologiya, 1958, Nr. 5, pp. 68-68 (USSR) TITLE: On November 26 - 28, 1957 a scientific-technical interregional conference was held in Kazan', It was called by the Department for water and Power Economy PERIODICAL: (Otdel Energetiki i vodnogo khozyayatva) of the Kazani Branch of the AS USSR and was devoted to the 40-th ABSTRACT: anniversary of the October Revolution. 14 lectures were held which predominantly dealt with the problem mentioned in the title. In its resolution the conference emphasized the lack of flow charts and decided the necessity of compiling real charts for characterizing the annual flow. In this connection it was recommended to place the existing network of hydrometeorological stations in a more rational manner. Results of expeditions and systematic observations shall be more utilized. It was Card 1/2

Transactions of the Conference on the Problem of the Investigation of the Flow of Small Rivers

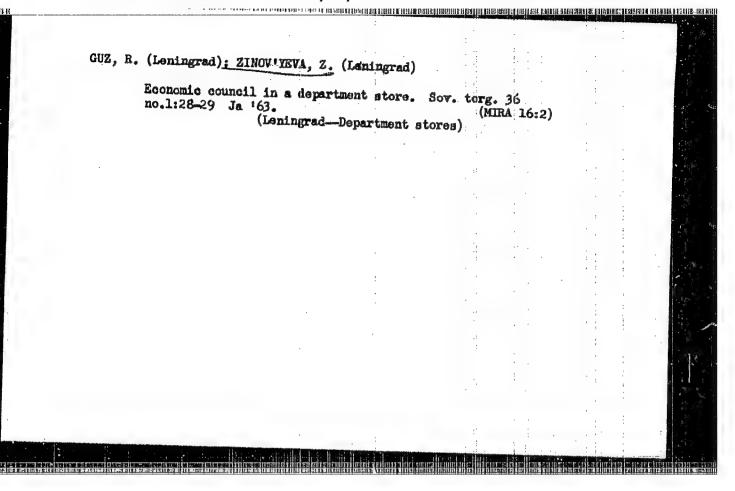
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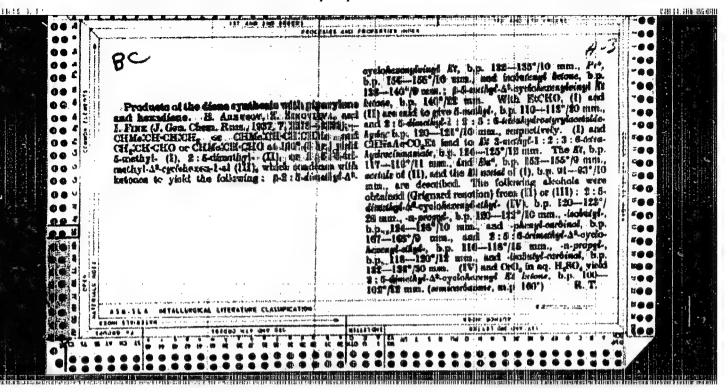
recommended to publish these results in hydrological periodicals (yearbooks). The organizations which carry on various water—economic objects shall continue the investigations begun by the project—organizations. The conference paid much attention to the connection between the surface and the underground waters and demanded a closer coordination of the works of the Ministry for Geology (Ministerstvo geologii) and the Chief Administration of the Hydrometeorological Service (Glavnoye upravleniye gidrometeorologicheskoy sluzhby).

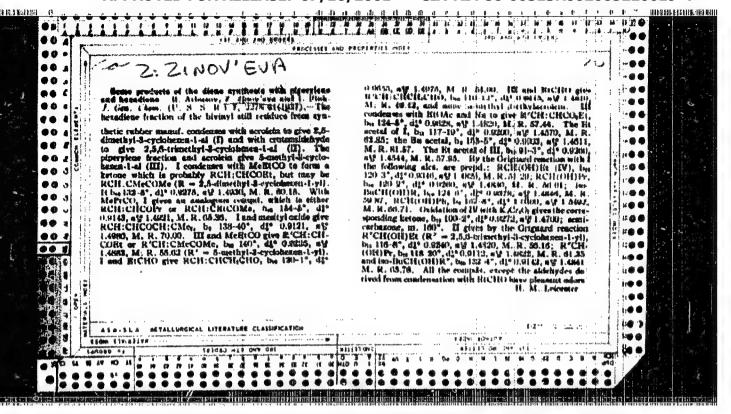
1. Inland waterways 2. Fluid flow-Analysis 3. Scientific

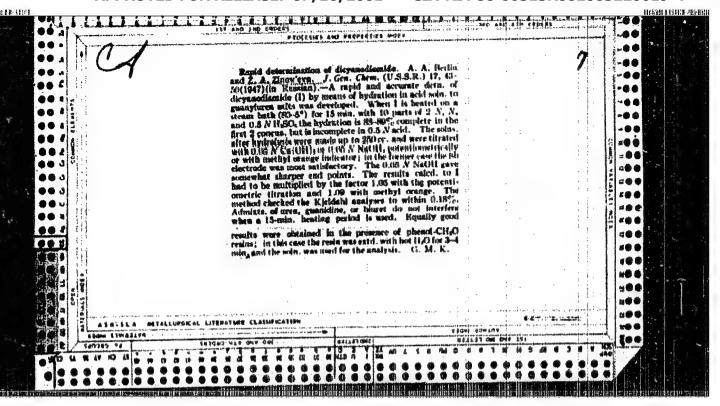
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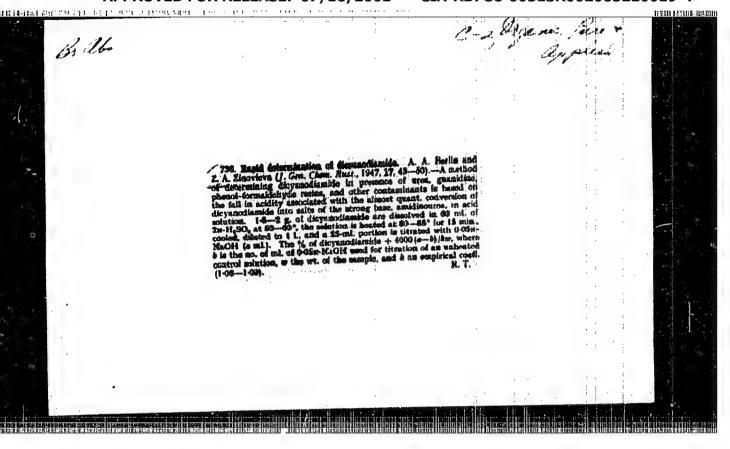
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ZINOVIEVA, Z. A.

Berlin, A. A., and Zinovieva, Z. A., "On the Express-Method of the Dicyandiamide Analysis." (p. 49)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1947. Vol. 17. No. 1

ZINOV YEVA, Z. A.

B. A. Kiselev, Z. A. Zinov'yeva, Ya. D. Avrasin and P. V. Davydov, "Obtaining a Hydrophobic Glass-textolite Based on Polyester Binders."

Report presented at the Second All-Union Conference on the Chemistry and Practical Application of Silicon-Organic Compounds held in Leningrad from 25-27 September 1958.

Zhurnal prikladnoy khimii, 1959, Nr 1, pp 238-240 (USSR)

5/661/61/000/006/070/081 D247/D302

AUTHORS:

Kiselev, B. A., Zinov'yeva, Z. A., Avrasin, Ya. D. and Davydov, P. V.

TITLE:

Applying silicoorganic compounds to production of con-

structional glass textolite

SOURCE:

Khimiya i prakticheskoye primeneniye kremneorganicheskikh soyedineniy; trudy konferentsii, no. 6: Doklady, diskussii, resheniye. II Vses. konfer. po khimii i prakt.

prim. kremneorg. soyed., Len. 1958. Leningrad, Izd-vo

AN SSSR, 1961, 300-304

TEXT: Constructional purposes require high durability of the compounds under static bending and the dependence of this property on temperature was studied for various silico-organic compounds. Modiffications of the silicones with organic resins were investigated.

During the discussion in which A. Ya. Korolev (Moscow) took part, the possibilities of water repellence were mentioned. Methacryloxy

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Applying silicoorganic compounds ...

S/661/61/000/006/070/081 D247/D302

methyl triethoxysilane was recommended for its water repellent properties and also for improving mechanical and dielectric properties. The problem of combining water repellence, with a high angle of contact between water and the material, with good adhesive properties, was discussed. The effect of the lubricants found on industrial glass fibers was also mentioned.

Card 2/2

YUSHKEVICH-GAVERDOVSKAYA, M.V., LAVROVSKIY, K.P., MIKHNOVSKAYA, A.A., ZINUV'YEVA, Z.M., AND YAKIMOCHKINA, V.I.

"Contact Transformations of Hexane and Cyclohexene Over an Aluminosilicate Catlayst."

Vestnik Moskovskogo Universiteta, no. 11, 1948

ZINOV'YEVA, Z. H.

"The Practice of Employing a Funigant Obtained From the Reaction of Chorosulfonic Acid and Calcium Hypochlorite as an Insecticida and Disinfectant on the Fremises of the Vain Administration of Food Concentrates, Ministry of the Food Industry USSR." Cand Med Sci, Control Inst for the Advanced Training of Physicians, 19 Cet 54.

(W., 24 Sep 54)

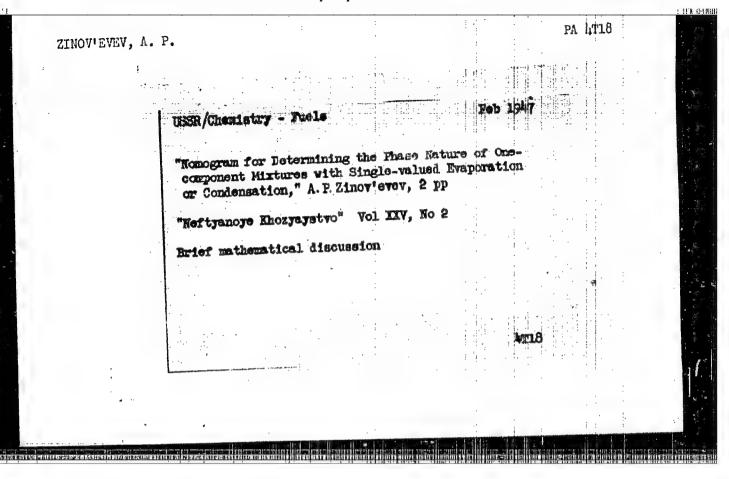
So: Sum 432, 29 Far 55

ZINOV'YEVA, V. N.

Experiments in the Chemotherapy of Lymphogranulomatosis
Sb. Nauch. Tr. Krasnoyarskogo Gos. Med. In-ta, No 3, 1953, pp 169-172

A number of patients with various forms of lymphogranulomatosis which had lasted from 3 months to 13 years, were given "duamin" (nitrogen-containing analog to mustard gas.) Some of the patients had received roentgen therapy previously. A course of duamin treatment consisted of ten intravencus injections of 1 ml of a 110% solution of caffeine 30 minutes before the duamin prevented secondary reactions. Most of the patients improved after the second injection. Temperatures became normal, shortness of breath, cough, and itching disappeared. At the end of the treatments the peripheral lymph nodes were again normal, and aches in the bones, sleeplessness, and tumorous growths in mediastinum and intestinal areas had decreased or disappeared. In some cases sleep therapy was added to the duamin treatment. (RZhBiol, No 1, 1955)

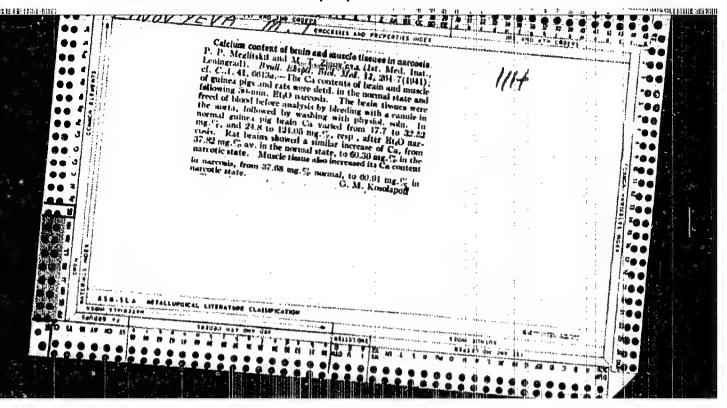
SO: Sum. No. 639, 2 Sap 55

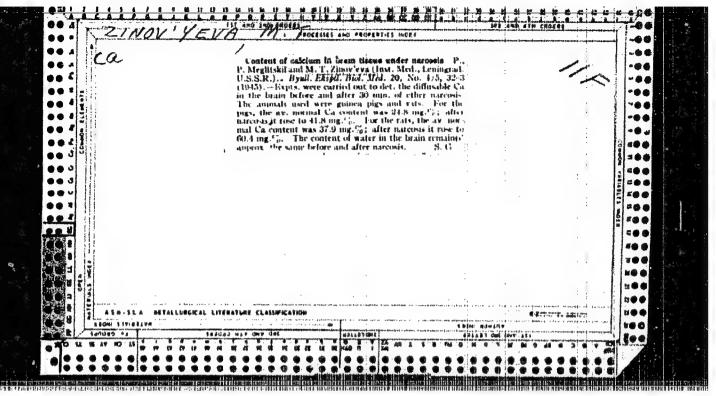


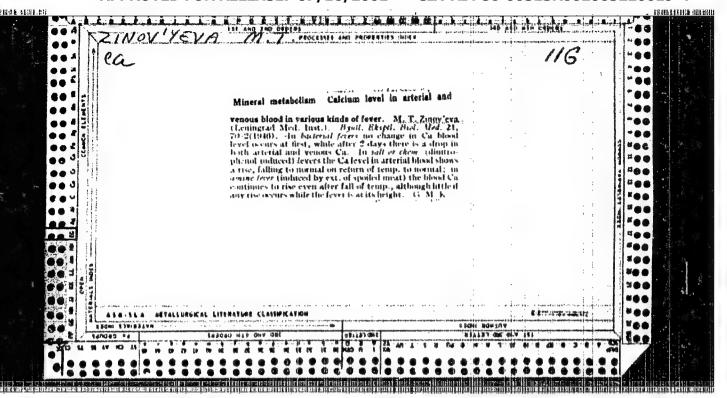
"Sur quelques produits de la synthese dientque avec le piperilene et le hexadience."

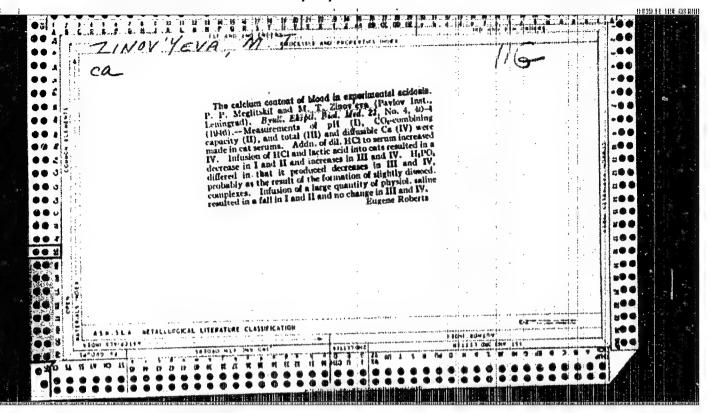
Arbouzow, B., et Zinowiewa, Zz, et Fink, I. (p. 2278)

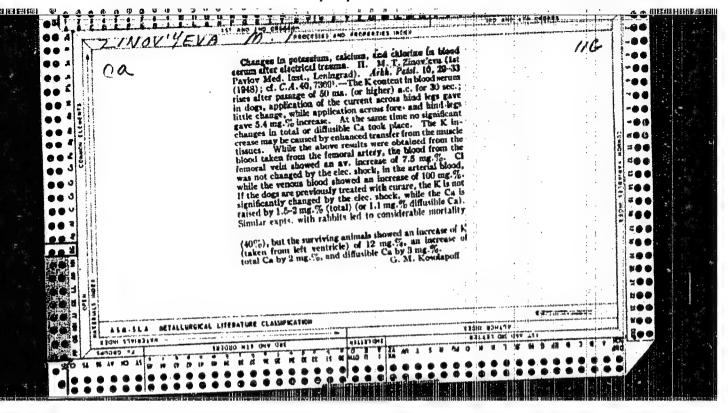
SO: Journal of General Chemistry (Zhurnal Obshchei Khimdi). 1937, Volume 7, No. 17.











Adrenalin and acetylcholine in experimental reflexogenous hypertension. Arkh. pat., Moskva 14 no. 5:58-65 Sept-Oot 1952. (CLML 23:3) 1. Of the Department of Pathological Physiology (Head -- Prof. M. M. Pavlov), First Leningrad Medical Institute ineni Academician I. P. Pavlov.

THE REPORT OF THE PARTY OF THE

ZINOV YEVA_GOLITSYNSKAYA, M.T.

"The Adrenalin and Acetylcholine Content of the Blood Pefore and After Surgery on the Vegetative Nervous System in Patients Suffering From Hypertension," Vrachebnoye delo, No 6, 1953, pp 567-568

The adrenalin and acetylcholine content of the blood in persons with normal and increased arterial pressure, and in hypertensive rations before and after resection of abdominal nerves and removal of the semilurar ganglion, was studied. The adrenalin content was much higher in the hypertensive patients than in normal persons, but the acetylcholine content was dispreportionately lower. After the operation, the adrenalin content at first decreased and then began to rise but did not reach the presperative level. The acetylcholine content increased after the operation. A lowering of arterial pressure was observed more often in patients in the neurogenic phase than in those in the transitional stage of the disease. (RZhBiol, No 5, 1954)

SO: Sum. No. 536, 10 Jun 55

ZINOV'YEVA-GOLITSYNSKAYA, M. T., Doc of Med Sci -- (diss) "On the pathogenesis of hypertonic diseases. (The role of neurohumeral foctors in the development of hypertonic diseases)." Leningra, 1956, 20 pp (First Leningra Medical Institute im Pavlov), (KL, 33-57, 89)

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ZINCV YEVA .- GOLITSINSKAYA, M.T., kand . med . nauk

Some biochemical components of blood in hypertensives. Vrach.delo.no.11:1213 Nº58 (MRA 12:1)

1. Kafedra patologicheskoy fiziologii Pervogo Leningradskogo meditsinskogo instituta.
(BLOOD-ANALYSIS AND CHEMISTRY)
(HYPERTENSION)

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GOLITSYNSKAYA, N.T. (Zinov'yeva)

Experimental hypertension of cortical origin. Fisiol.zhur. 45 no.9: 1124-1131 S 159. (MIRA 13:1)

1. 1-y Leningradskiy meditsinskiy institut im. akademika I.P. Pavlova.
(HYPERTENSION exper.)
(REFLEX CONDITIONED)

GALITSYNSKAYA (ZINOV'YEVA), M. T., Doc Med Sci -- (diss) "Neurological and neuronumoral factors in the development of hypertonic sickness."
Leningrad, 1960. 23 pp; (Inst of Physiology im I. P. Pavlov, Academy of Sciences USSR); 150 copies; price not given; list of author's works on pp 22-25 (15 entries); (KL, 26-60, 142)

GOLITSYNSKAYA, M.T.

Effect of the functional state of the cerebral cortex on blood pressure, vascular reflexes, and certain humoral factors. Fisiol. zhur. 47 no.1:11-18 Ja '61. (MIRA 14:3)

1. From the Normal Physiology and Pathology Chair of the State University Uzhgórod. (CEREBRAL CORTEX) (HYFERTENSION)

- 1. ZINSCHENKO, A. V.
- 2. USSR (600)
- Horse Breeding-Kherson Province
- Leading artificial insemination station for horses in Therson Province. 23 no. 1 1953.

Monthly List of Russian Accessions, Library of Congress, April

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ZINSERLING, Andrzej, Mgr.inz.

Automatic steering systems.Pt.1. Techn motor 11 no.81258-269
Ag '61.

ZINSERLING, E. V.

"The Phenomenon of Memory and Stabilization of Quartz Lattice."

paper presented at the Conf. on Mechanical Properties of Non-Metallic Solids, Leningrad, USSR, 19-26 May 1958

Inst. of Crystallography, Acad. Sci. USSR

ZINSERLING, E. V.

"Conversion of a Negative Quartz Rhombohedron Into a Positive One as a Result of B -- a -- B Transformation," Dok. AN, 33, No. 6, 1941. Crystallographic Lab., Mbr., Acad. Sci. cl941-.

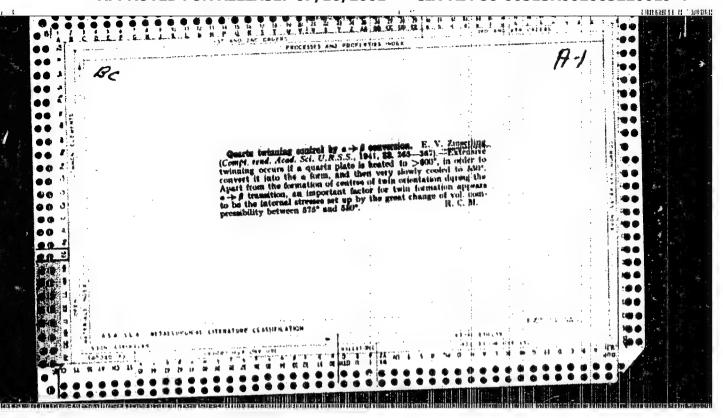
ZINSERLING, E. V.

"Quartz Twinning Control Under, a -- B Conversion," Dok. AN, 33, No. 5, 1941

"Twinning of Quartz in the Electric Field," Dok. AN, 33, No. 6, 1941.

"Quartz Colouring As Depended on its Twinning Capacity Under a -- B Conversion,"

Dok. AN, 33, No. 5, 1941.



ZINSERLING, E. V.

Institute of Crystallography of the Acad. Sci. of the USSR, Moscow.

"The Phenomenon of Memory and Stabilisation of Quartz Lattice."

Paper submitted at.

Program of the Conference on the Non-Metallic Solids of Mechanical Properties.

May 19 -26, 1958.

ZINSKIY, T. A.

PREDZIN, P.G.; YAKIHOVA, O.F.; ZINSKIY, LAA; SPANCHAK, I.O.; NAZAROVA, N.K.

(Gubakha, Pernskaya oblast').

Professional training of mathematics teachers in pedagogical institutes. Mat. v shkole no.2:24-27 Mr-Ap *53. (MIRA 11:2)

(Mathematics—Study and teaching)

SPAK, Michal, promovany ekonom; ZINTL, Rudolf, promovany, ekonom

Problems of the construction, reneval and maintenance of roads and bridges. Doprava 6 no.6:420-427 '64.

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KRAL, J.; TAMASSY, E.; ZINTLOVA, M. NEUMANN, J.

Therapeutic exercise following cardiac surgery. Storn.lek. 62 no.1:1-9 Ja 160.

1. Katedra telovychovneho lekaratvi fakulty vaeobecneho lekaratvi Karlovy university v Praze, prednosta prof.dr. J. Kral. IV. interni klinika fakulty vaeobecneho lekaratvi Karlovy university v Praze, prednosta prof.dr. H. Fucik.

(HEART surg.) (EXERCISE THERAPY)

SCENID, Ludvik, Dr.; Zifflova, Milada

Exerciae therapy in diseases of the respiratory tract. Gas. lek. cesk. 93 no.29:798-806 16 July 54.

1. Z katedry telesne vychovy a telovychovucho lekaratvi IU v Prase.

(RESPIRATORY TRACT, diseases, ther., exercise)

(EXERCISE THERAPT, in various diseases, resp. tract dis.)

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Exercise therapy of gastrointestinal diseases. Prakt. lek., Praha 33 no.1:12-14 5 Jan 1953. (CIML 24:3)

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